Rural District of Glendale.

ANNUAL REPORT for 1905.



RURAL DISTRICT OF GLENDALE.

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In 1901 the population of Glendale was 8,770, which may be taken as the population of 1905.

The number of births in 1905 was 184, equal to a birth rate of 20.98 per 1,000 of the population. This, although an increase of seven over that of 1904, is a very low birth rate when compared with the birth rate of the county as a whole, which in 1904 was 29.42. In 1904 Glendale had the lowest birth rate of any rural district in the county, when the birth rate of the rural districts in the county as a whole was 26.21.

The number of deaths from all causes was 111, the same number as in 1904, and equal to a death rate of 12.65. This is not a high death rate, as it is 3.34 below the average for the rural districts of the county, and

4.16 below the death rate of the whole county in 1904. In the Wooler district alone there were 58 deaths, as against 56 in 1904; and in Ford district there were 48 as against 50 in 1904. In the Workhouse were 5 deaths.

The deaths under one year of age were 20, a large increase over the number (9) in 1904, and also double the number in 1903. This gives a death rate per 1,000 births registered of 108.6, which however is much below the average of the rural districts of the county, which was 141.73 in 1904; and of England and Wales, which was 146.0 in 1904. On referring to Table V. it will be seen that this great increase in infant mortality is in great measure due to the large number that died under the age of one week, namely 9, and of these 6 were premature. As will also be seen from Table V., 10 died under two weeks of age, and of the other 10 that died between the ages of one and twelve months, only one was certified as having died of gastro-intestinal catarrh. Of these 10, 1 died from whooping cough, 2 from tubercular meningitis, 1 from tubercular peritonitis, 2 from convulsions, 2 from bronchitis, and 1 from pneumonia.

The total number of deaths under five years of age was 25, an increase of 8 over the number in 1904, due to

the increase under one year of age, as the number of deaths between one and five years of age was 5, compared to 8 in the previous year. This gives a death rate of 2.8 per 1,000 of the population as compared with 1.9 in the previous year. The number of deaths at five years of age and upwards was 86, giving a death rate of 9.8 as compared with 10.7 in 1904. Of this number only 1 died between the ages of 5 and 15, and none between 15 and 25. Of the 86, the large number of 51 reached the age of 65 and over, and of these 12 reached the age of 80 and over.

One death was due to each of the following diseases:—whooping cough, diphtheria, puerperal fever, erysipelas, and pleurisy; while enteritis caused 5 deaths, phthisis 7 deaths, other tubercular diseases 6 deaths, cancer 9 deaths, bronchitis 4 deaths, and pneumonia 5 deaths.

Zymotic diseases caused 2 deaths, 1 due to diphtheria and 1 due to whooping cough. This is equal to a death rate of 0.22 as compared to 0.11 in 1904 which was the lowest but one in the county. Phthisis caused 7 deaths, equal to a death rate of 0.79, which was a decrease from 1.14 in 1904, and less than the county as a whole which was 1.17 in 1904. Enteritis caused 5 deaths, a comparatively small number probably due in great measure to

the absence of severe cases of epidemic influenza, which is often followed by severe enteritis.

As will be seen from Table III. the infectious diseases notified during 1905 number 24. This is a small number, although 3 more than in 1904. Of this number 11 occurred in the Wooler district, and 13 in the Ford Seven cases of erysipelas were notified in the district. Wooler district, while 1 was notified in the Ford district; of the 12 cases of scarlet fever notified, 2 were in Wooler district and 10 in the Ford district. Of these 10 cases in the Ford district 4 occurred in one family, and 5 in another family at the same farm, and the type was so mild that the parents did not seek medical advice until in some of the cases the skin began to peel. There were 2 cases of diphtheria both occurring in January in the Ford district, both cases were visitors who had been in the district only a day or two when they became ill. In 1904 the number of cases of diphtheria notified was One case of enteric fever was notified where a defective drain was found to exist, and the well was not properly protected from contamination, both defects were remedied. German measles threatened to spread in the Howtle School area and the school was closed for three weeks during July. No other infectious disease assumed an epidemic form.

The three slaughter houses which were finished during the year have been occupied for some time, and the fourth slaughter house, which the Council decided subsequently to erect to accommodate the fourth butcher, is nearing completion. It has been made larger than the others so as to accommodate any special need that might arise.

The Wooler Sewage Disposal Works were completed in the spring, but so far do not seem to have been giving such a satisfactory effluent from the filter beds as they ought. This, in the opinion of the engineer, is due to the unusually large amount of fluid entering the works in proportion to the population of Wooler. A few houses in Wooler are still unconnected with the works.

Owing to the prolonged period of dry weather during the year many places in the district suffered from the want of water, but none so badly as Lowick, where, except during long continued wet weather, the supply is never abundant. Steps are being taken at the end of the year, which it is hoped may prove successful, to obtain a supplementary supply.

In Wooler two new houses have been built in Glendale Road, and nine new cottages are in course of erection in the Back Lane; also a house in High Street has had a new closet added. Two new cottages are being erected at Wooler Cottage Farm on a much improved site.

At South Middleton a good water supply has been conveyed to the cottages, and at North Middleton one good cottage has been built in place of two old ones.

At Coldgate Mill various repairs have been carried out, and a new closet and ashpit added.

The Red Lion Inn, at Barmoor, has been generally improved, two bedrooms have been added upstairs, and new drains have been laid down. The stable adjoining the house has been thoroughly repaired.

The Keeper's Lodge, at Fowberry, has been enlarged, a bedroom, sitting room, scullery, and pantry having been added.

At Hetton House new piggeries have been built.

At West Learmouth an entirely new drainage system has been laid down to the farm cottages.

At East Learmouth privies and pigstyes for eight cottages have been re-modelled and re-built.

At Barelees the sewerage drain to the farm house has been re-modelled.

The cottages at Milfield Demesne have had a new water supply laid on and a new sewerage drain put in.

At Etal Village a new sewerage drain has been laid down to the lodge.

The new water supply to Ford Wood House and Routin Linn was completed during the spring.

New privies have been added to cottages at Lilburn Burn Houses.

Visits were paid from time to time to the various workshops in the district. No defects were discovered during the year.

The Inspector of Nuisances has regularly reported his proceedings, and kept me informed of matters requiring my attention.

ALEXANDER DEY,

MEDICAL OFFICER OF HEALTH.

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TABLE

GLENDALE RURAL DISTRICT.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1905 AND PREVIOUS YEARS.

		Віктня.	rhs.	Тота	TOTAL DEATHS REGIST THE DISTRICT.	REGISTRRED IN STRICT.	ED IN	Total Deaths	Deaths of Non-	Deaths of Residents	NETT DEATHS AT ALL AGES BELONGING TO
)	Population estimated to			Under 1 Y	Under 1 Year of Age.	At all Ages.	Ages.		residents registered	registered in Public	THE DISTRICT.
Y EAR.	Middle of each Year.	Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*	1	in Public Institu- tions in the District.	Institutions tions beyond the District.	Number. Rate.*
	C1	ಣ	4	ũ	9	7	8	6	10	11	12 13
1895 1896 1897 1898 1900 1902 1903 1904 1904 1895-1904	10,156 10,156 10,156 10,156 10,156 10,156 8,770 8,770 8,770 8,770 8,770	207 233 184 199 187 167 188 181 192 177	20.3 22.9 18.0 20.0 18.5 16.4 21.4 20.6 21.8 20.01	20 16 14 18 18 16 18 26 17 10 9	96.0 98.7 76.0 90.0 85.0 107.7 138.3 93.9 52.0 50.84	144 120 127 137 126 142 125 125 93 111	11.8 11.8 12.5 13.4 14.2 14.2 10.0 12.6	es 10 ○ es 10 es es ∞ 10 10 4			
1905	8,770	184	20.98	50	9.801	111	9.71	īΟ			

Note.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the * Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population. number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the

term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the pur poses of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Census of 1901. 1V 8,770 Total population at all ages..... Number of inhabited houses Average number of persons per house Is the Union Workhouse within the District?—Yes. 147,698 (exclusive of area Area of District in acres covered by water).

TABLE II.

GLENDALE RURAL DISTRICT.—VITAL STATISTICS OF SEPARATE LOCALITIES IN 1905 AND PREVIOUS YEARS.

	Deaths under 1 year.	p		
IOUSE.	Deaths at all Ages.	c	සා න : යා න යා යා යා 4 ල	2
Workhouse.	Births registered.	9	C1 : : : : : : : : : : : : : : : : : : :	1
	Population esti- mated to middle of each Year.	8	22 23 23 25 20 20 28 28 24.8	RO
	Deaths under 1 year.	p	11	n
·	Deaths at all Ages.	0	66 61 59 70 60 60 61 57 53 59 59	4S
FORD.	Births registered.	9	98 95 95 95 87 88 88 88 88 86 76 85 1	98
	Population estinated to middle of each Year.	α	5,033 5,033 5,033 5,033 5,033 6,033 4,200 7,200 7,699.8	4,200
	Deaths under 1 year.	p	00 00 10 10 00 00 00 00 00 00 00 00 00 0	
lR.	Deaths at all Ages.	o	75 68 68 64 61 83 60 35 56 61 61 7	80
WOOLER.	Births registered.	9	107 138 92 112 101 99 100 100 100 101 101	96
	Population estimated to middle of each Year.	α	5,100 5,100 5,100 5,100 5,100 4,549 4,549 4,549 4,549 4,549	4,549
	Deaths under I year.	p	20 16 14 18 18 18 17 10 0 0 10 16 4	20
TRICT.	Heaths at all sections.	o o	144 120 127 137 126 142 125 125 93 111	
WHOLE DISTRICT.	Births.	9	207 233 184 199 187 167 181 192 177	184
WH0]	Population estinated to mated to middle of each Year.	a	10,156 10,156 10,156 10,156 10,156 10,156 8,770 8,770 8,770 8,770 8,770	8,770
NAMES OF LOCALITIES.	YEAR.		1895 1896 1897 1898 1900 1901 1902 1903 1904 Averages of years 1895 to 1904.	1905

Norrs. -(a) The separate localities adopted for this Table should be areas of which the populations are obtainable from the census returns, such as wards, parishes, or groups of parishes, or registration sub-districts. Block I may, if desired, be used for the whole district; and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns c of this Table, and those of non-residents

registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms "resident" and "non-resident.")

(c) Deaths of residents occurring in public institutions, whether within or without the districts are to be allotted to the respective localities, according to

Tables I. and IV.: thus, the totals of sub-columns a, b, and c should agree with the figures for the year in the columns 2, 3, and 12, respectively, of Table I.: the gross total of the sub-columns c should agree with the total of column 2 in Table IV., and the gross total of sub-columns d with the (d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in the addresses of the deceased. total of column 3 in Table IV.

TABLE III.

GLENDALE RURAL DISTRICT.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1905.

	CA	SES	Norn	DISTRICT.	CASES NOTIFIED IN WHOLE DISTRICT.	Vно	E	T	TAL	TOTAL CASES NOTIFIED IN EACH LOCALITY.	as N Loca	OTIF	(ED I	Z	N	No. of Cases Removed to Hospital from each Locality.	CAS	SES I	REMC ACH]	VED	ТО	1
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NOTIFIABLE DISEASE.	gA Ils tA	Under 1.	1 to 5.	5 to 15.	15 to 25.	.55 to 65.	65 and wards.	District.	Ford District.													
Small-pox Cholera Diphtheria Membranous Croup Erysipelas Scarlet Fever Typhus Fever Enteric Fever Relapsing Fever Continued Fever Puerperal Fever Plague	12 82 17 17 17 17 17 17 17 17 17 17 17 17 17	: : : : :	: , : : :	: : : :	: : : :	: : : :	: : : :	: 1 2 1 1	: : : : : : : : : : : : : : : : : : : :)
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Moment (1972) 1. 11. 11. 11. 11. 11. 11. 11. 11. 11.		17		17	8	F		1 777														

Notes.—The localities adopted for this Table should be the same as those in Tables II. and IV.

State in space below the name of the Isolation Hospital (if any) to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. Mark (W) the locality in which a workhouse is situated.

* This space may be used for record of other disease, the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary Isolation Hospital?—Yes. information.

TABLE IV.

GLENDALE RURAL DISTRICT.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1905.

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ITIES		15		•	:
LOCALITIES		14		:	:
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OR BELONGING TO (AT ALL AGES).		11		:	:
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DEATHS	Wooler.	6	m : %	H = :44	
LE	65 and up- wards.	∞		::::	:-:
DEATHS IN OR BELONGING TO WHOLE DISTRICT AT SUBJOINED AGES.	15 and 25 and 65 and under under wards.	7	: : :	- :- 9 - ·	23 m m m
	15 and under 25.	9	: : :	: : : : :	0 0 °°° 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
SELONG F SUBJ	5 and under 15.	5	: : :	:::-:	
THS IN OR BELONGING T DISTRICT AT SUBJOINED	1 and under 5.	4	:	: : : : cı	
ATHS I DISTI	Under 1.	ಣ	- : 2	: : : : : : : : : : : : : : : : : : : :	:n- :
DE	All Ages.	67	1 2	9 4 4 4 4 4	0470-
	CAUSES OF DEATH.	1	Small-pox Measles Scarlet Fever Whooping-Cough Diphtheria and Membranous Croup Croup Croup	Frysipelas Other Septic Diseases Phthisis. (See notes at foot) Other Tubercular Diseases Cancer, Malignant Disease.	(See notes at foot) Bronchitis Pneumonia Pleurisy

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Other Diseases of Respiratory Organs Alcoholism Cirrhosis of Liver	Venereal Diseases Premature Birth Diseases and Accidents of Par-	turition Heart Diseases Accidents	Suicides Murder All other Causes	All
Oth O Ale	Ven Pred Dise	tr Hea Acc	Sun Mun All	

Nores.—(a) In this Table all deaths of "Residents" occurring in public institutions, whether within or without the district, are to be included with the other deaths in the columns for the several age groups (columns 2.8). They are also, in columns 9.15, to be included among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-residents" occurring in public

institutions in the district arc in like manner to be excluded from columns 2-8 and 9-15 of this Table.

See notes on Table I. as to the meaning of "Residents" and "Non-residents," and as to the "Public Institutions" to be taken into account for the

purposes of these Tables. The "Localities" should be the same as those in Tables II. and III. (9)

(c) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-residents," are, in addition to being dealt with as in note (a), to be entered in the last column of this Table. The total number in this column should equal the figures for the year in column 9, Table I.

(d) The total deaths in the several "Localities" in columns 9-15 of this Table should equal those for the year in the same localities in Table II, subcolumn c. The total deaths at all ages in column 2 of this Table should equal the gross total of columns 9-15, and the figures for the year in column 12 of Table I.

(e) Under the heading of "Diarrhea" are to be included deaths certified as from diarrhea, alone or in combination with some other cause of ill-defined nature; and also deaths certified as from

Epidemic enteritis;

Zymotic enteritis;

Summer diarrhæa; Epidemic diarrhœa.

Dysentery and dysenteric diarrhæa;

Under the heading of "Enteritis" are to be included those certified as from Gastro-enteritis, Muco-enteritis, and Gastric catarrh, unless from informa-Choleraic diarrhea, cholera, cholera nostras (in the absence of Asiatic cholera).

tion obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term "Diarrhear." Under the headings of "Cancer," 'Phthisis," and "Puerperal Fever" should be included all registered deaths from causes comprised within these general terms.

Deaths from diarrhea secondary to some other well-defined disease should be included under the latter.

ALEXANDER DEY, MEDICAL OFFICER OF HEALTH.

TABLE V.

GLENDALE RURAL DISTRICT.—INFANTILE MORTALITY DURING THE YEAR 1905.

Total Deaths under 1 Year.	50	:		:	:	:	:	: •		.,	:	: '	<u> </u>	
11-12 Months.	:	:		:	:	:	:	:	:		:	:	•	
10-11 Months.	:	•		:	•	:	:	:	:		:	:	:	
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8-9 Months.	63	:		:	:	:	•	:	:		•	•	:	
7-8 Months.	-	:		:	:	:	:	:	:		•	•		
.sdinoM 7-8		:		•	•	•	•	:	:		:	:	:	
5-6 Months.	:	:		:	:	:	:	:	:		:	:	:	
4-5 Months.	7	:		:	:	:	•	:	•		:	:		
3-4 Months.	•	:		:	:	:	:	:	:		:	:	•	
2-3 Months.	က	:		:	:	:	:	:	:		:	:	:	
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Total under l Month.	10			:		:		:	:				:	
3-4 Weeks.	:	:		:	:	:	:	:	:		:	:	:	
2-3 Wеекв.	:	•		:	:	:	:	:	:		•	:	:	
1-2 Weeks.		:		:	:	:	:	:	:		•	:	:	
Under 1 Week.	6	:		:	:	:	:	:	:		•	:	:	
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CAUSE OF DEATH.	•	•	ES—	:	:	:	:	:	:		:	(s	al Catar	
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C	ALL CAUSES—Certified	Uncertified	COMMON INFECTIOUS DISEASES-	Small-pox	Chicken-pox	$\widetilde{ ext{Measles}}$	Scarlet Fever	Diphtheria: Croup	Whooping Cough	DIARRHGAL DISEASES	Diarrhea, all forms	Enteritis (not Tuberculous,	Gastritis, Gastro-intestinal Catarrh	

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Wasting Diseases— Premature Birth	Congenital Defects	Injury at Birth	Want of Breast Milk	Atrophy, Debility, Marasmus	Tuberculous Diseases— Tuberculous Meningitis	Tuberculous Peritonitis: Tabes Mesenterica	Other Tuberchlous Diseases	Ervsinelas		Rickets	Meningitis (not Tuberculous)	Convulsions	Bronchitis	Laryngitis	Phenmonia	Suffocation, overlaying	Other causes		

